

## 05—212    Renewal of threaded bushing with valve adjusting screw

Valve clearance	with engine cold (approx. 20 °C)	with engine warm (60 °C ± 15 °C)
Intake	0.10 <sup>1)</sup>	0.15 <sup>1)</sup>
Exhaust	0.20	0.25

<sup>1)</sup> 0.05 mm higher during lasting outside temperatures below -20 °C.

Tightening torques	Nm
Nuts for cylinder head cover	15
Threaded bushing in cylinder head	80
Valve adjusting screw	20—40

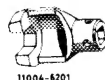
### Special tools

Pressure lever for valve spring



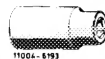
123 589 03 61 00

Valve adjusting wrench 17 mm, 1/2" square



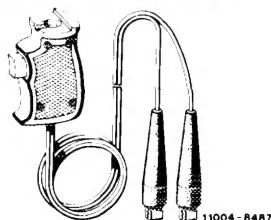
110 589 00 01 00

Socket 27 mm, 1/2" square,  
for rotating engine



001 589 65 09 00

Contact handle for rotating engine  
(component of compression pressure  
recorder (compressometer)  
001 589 46 21 00)

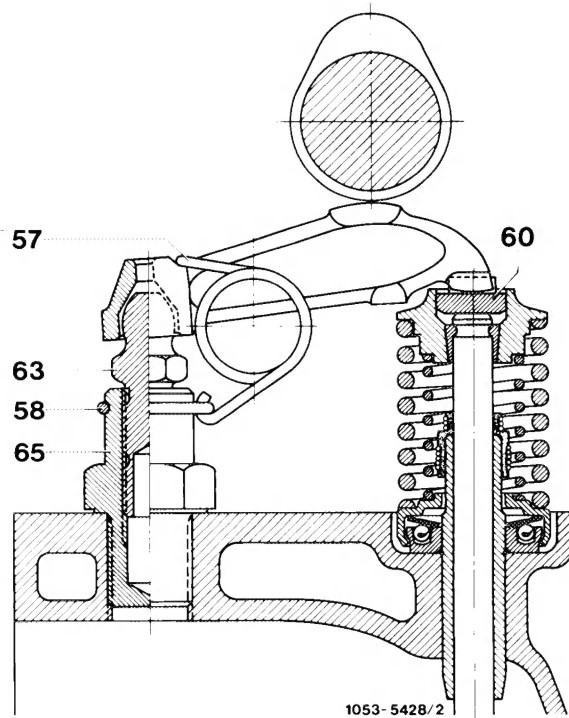


001 589 46 21 08

## Note

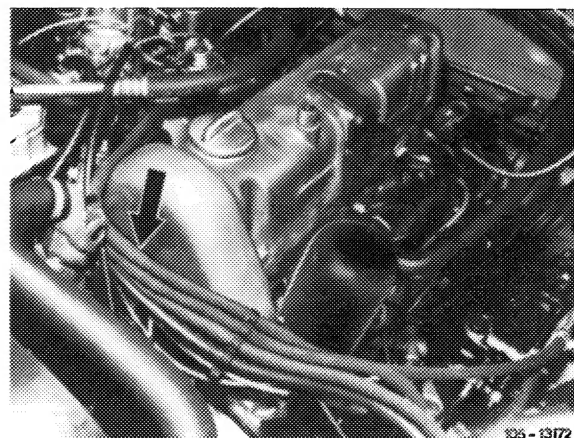
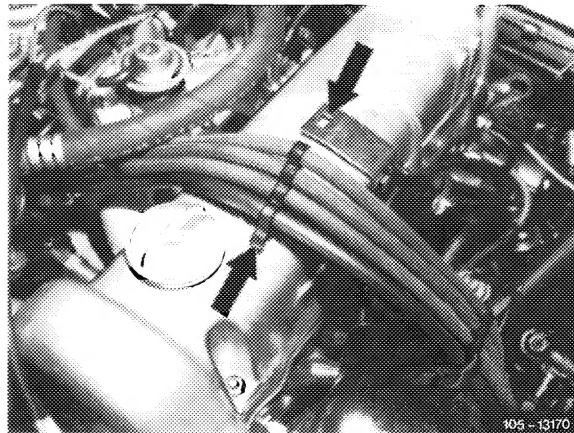
If the torque of the valve adjusting screw is below 20 Nm, renew valve adjusting screw (63) or threaded bushing (65) with valve adjusting screw (63).

- 57 Tensioning spring
- 58 Annular spring
- 60 Thrust piece
- 63 Valve adjusting screw
- 65 Threaded bushing

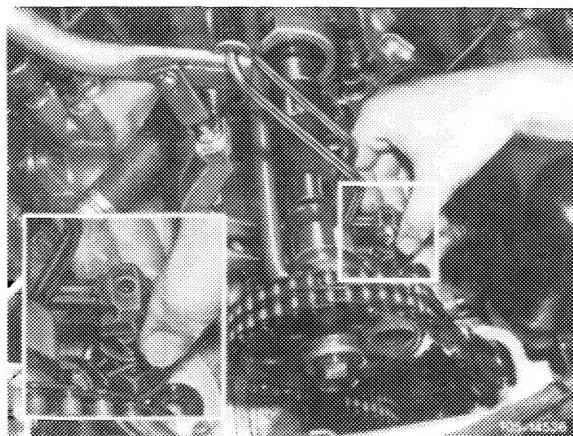


## Renewing

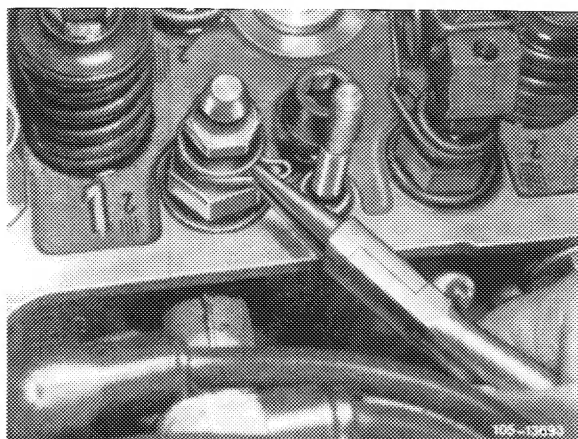
1 Remove cylinder head cover. For this purpose, on **AUS** , **J** , **S** and **USA** starting 1977, push out clamp assembly of fuel hoses on holder and push down fuel hoses with clamp assembly in forward direction over cylinder head cover.



- 2 Remove rocker arm (05—230).



- 3 Pull off annular spring.



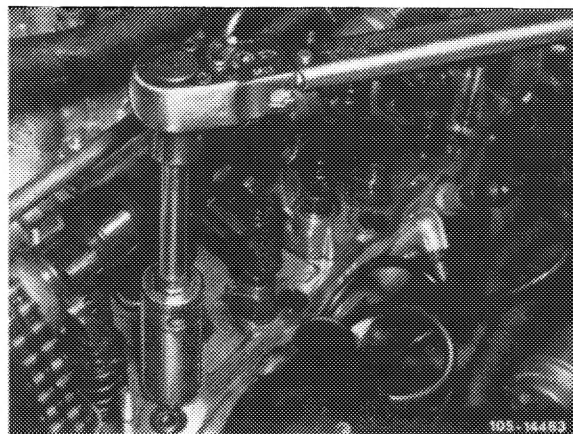
- 4 Unscrew threaded bushing with valve adjusting screw.

- 5 Coat threads of threaded bushing with tallow.

Screw-in threaded bushing with valve adjusting screw and tighten to 80 Nm.

**Attention!**

The threaded bushing should not cut shavings when screwed in.



- 6 Insert annular spring.

- 7 Install rocker arm (05—230).

- 8 Adjust valve clearance (05—210).

